

Plaslube® AC-81/TF/15 NAT

Acetal (POM) Homopolymer
Techmer Engineered Solutions

Message:

Plaslube® AC-81/TF/15 NAT is an Acetal (POM) Homopolymer product. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Primary characteristic: rohs compliant.

General Information			
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.50	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	2.0 to 2.4	%	ASTM D955
Water Absorption (24 hr)	0.23	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	55.2	MPa	ASTM D638
Tensile Elongation (Break)	7.5	%	ASTM D638
Flexural Modulus	2480	MPa	ASTM D790
Flexural Strength	82.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	53	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	104	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	71.1	°C	
Drying Time	2.0	hr	
Suggested Max Moisture	0.20	%	
Rear Temperature	177 to 193	°C	
Middle Temperature	188 to 210	°C	
Front Temperature	182 to 199	°C	
Nozzle Temperature	177 to 204	°C	
Processing (Melt) Temp	193 to 216	°C	
Mold Temperature	82.2 to 121	°C	
Injection Rate	Moderate		
Back Pressure	0.345 to 0.689	MPa	
Screw Speed	70 to 80	rpm	

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